

TROUBLE SHOOTING**TECHNICAL****ECO101- 1**

PROBLEM	CAUSE	SOLUTION
THE PUMP WORKS BUT DOES NOT INJECT	<i>IRRIGATION VALVE CLOSED</i>	<ul style="list-style-type: none"> open it
	<i>DIRTY FERTILIZER FILTER</i>	<ul style="list-style-type: none"> clean it
	<i>SUCTION OR IMPULSION RETENTION VALVES DIRTY OR DAMAGED.</i>	<ul style="list-style-type: none"> they must be disassembled and cleaned or changed, and assembled again as indicated
	<i>SEALS N. 20ECO 48 V AND 20ECO 84 V WORN OUT</i>	<ul style="list-style-type: none"> Change them (C)
FERTILIZER IS LOST THROUGH THE OUTLET	<i>SEALS 20ECO 48 V AND 20ECO 84 V WORN OUT</i>	<ul style="list-style-type: none"> change them (C)
	<i>CYLINDER SCRATCHED</i>	<ul style="list-style-type: none"> Call technical assistant
THE PUMPS DOES NOT WORK	<i>FERTILIZER SUCTION, INJECTION, PRESSURE INLET OR REGULATION TURRET VALVES CLOSED</i>	<ul style="list-style-type: none"> open them
	<i>LACK OF WATER PRESSURE</i>	<ul style="list-style-type: none"> working pressure 14 to 116 PSI
	<i>DRAINAGE CLOSED</i>	<ul style="list-style-type: none"> unblock it
	<i>DRAINAGE LEVEL HIGHER THAN THE PUMP</i>	<ul style="list-style-type: none"> drainage level cannot be above the pump level
THE PUMP DOES NOT WORK, CONSTANT DRAINAGE IN GREAT QUANTITY	<i>RETENTION CAMS WORN OUT</i>	<ul style="list-style-type: none"> change them
	<i>DIRTY AXIS DUE TO IMPURITIES</i>	<ul style="list-style-type: none"> clean the water pressure inlet filter. assemble again the pump as indicated under installation and starting operation.
PUMP DRAINS IN EXCESS	<i>SEALS 20COL48 , 20COL 84 AND 20COL 97 WORN OUT</i>	<ul style="list-style-type: none"> change them (C)
PUMP WORKS MORE SLOWLY THAN USUAL	<i>REGULATION TURRET OR WORKING VALVES ALMOST CLOSED</i>	<ul style="list-style-type: none"> open them
	<i>DIRTY FILTERS</i>	<ul style="list-style-type: none"> clean them

(C) CHANGE OF SEALS 20COL 48 - 20COL 48 V - 20COL 84 - 20COL 84 V 20COL 97

1. With a screw driver take out the screws from the lid and lift it being careful not damage its joint.
2. Take out the piston (if it does not come out, lift very carefully the pressure inlet valve)
3. Change the seals without altering their assembly order nor their closing lip.
4. assemble again.

(L) CHANGE OF RETENTION CAMS 30LEV ECO

1. Take out the piston as shown in above instructions.
2. With a screw driver unscrew the plugs of retention cams 30TAP ECO and take out springs 20MUE 8.5X30 and retention cams 30LEV ECO to change them.
3. Assemble again without tightening the retention cams plugs in excess 30TAP ECO



13/08/08

TECHNICAL INFORMATION